### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

### Declaration for Patent Application

COPY FOR CONTINUING
APPLICATION

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled Therapeutic Uses for Nitric Oxide Inhibitors the specification of which (check one) is attached hereto. [] was filed on May 20, 1999 as United States Application [X]Number or PCT International Application No. 09/315.929 and was amended on \_\_\_\_\_ (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed: Priority Certified Prior Foreign Application(s) Copy Filed? Not Claimed NO (Day/Month/Year filed) (Country) (Number) (Day/Month/Year filed) (Country) (Number) (Day/Month/Year filed) (Country) (Number) I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. 60/030,690 November 13, 1996 (Filing Date) (Application Number) May 2, 1997 60/045,411 (Filing Date) (Application Number)

08/969,475		November 13, 1997	Patented
(Application Serial No.)	)	(Filing date)	(Status: patented, pending, abandoned)
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As a named in Hamilton, Brook, Smi Customer No. 2106	th & Reynol	by appoint the attorne ds, P.C., Two Militia	ys and/or agents associated with Drive, Lexington, Massachusetts 02421-4799
to prosecute this applica	ation and to t	ransact all business in	the Patent and Trademark Office connected therewith.
Please send co	orresponden		No. Noted Above
		or [X] Address	below:
HAM Two	O. Carroll IILTON, BR Militia Drive Igton, MA		YNOLDS, P.C.
Lexin	-B*		
		Anne J. Collins	Telephone No.: 781-861-6240
Direct telepho	ne calls to:		Telephone No.: 781-861-6240  Facsimile No.: 781-861-9540
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Full name of second joint		
inventor, if any	Natalia I. Peunova	
Inventor's Signature		Date
Residence	42 Pine Drive	
	Cold Spring Harbor, New York 11724	
Citizenship	Russian	
Post Office Address	Same as above	
Full name of third joint		ه با خوا الله الله الله الله الله الله الله ال
-	Boris A. Kuzin	
_	11 Ramenki Street, Building 1, Apt. 136	
	Moscow, Russia 117607	
	Russian	
-	Same as above	
Full name of fourth joint		
•	Hollis Cline	
· · · · · ·		
_	Tiffany House. One Bungtown Road	
	Cold Spring Harbor, New York 11724	
	U.S.A.	
· ·	Same as above	
Full name of fifth joint		ند الما الما الما الما الما الما الما الم
inventor, if any	Tatyana Michurina	
		Date
Residence	First Kololovsky Dr., Bldg. 16, Apt. 10	
residence	Moscow, Russia 117808	
	Russian	
Post Office Address		
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	and was amended o	on	_ (if applicable).						
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define	I acknowledge the d in 37 C.F.R. §1.56.	duty to disclose ir	nformation which is known by me to	be ma	terial to	o pat	entab	oility	as
country	ent or inventor's certing other than the Unite	ficate or 365(a) of d States of Ameri patent or inventor	its under 35 U.S.C. 119(a)-(d) or 36 fany PCT international application value and below and have also idented so certificate, or of any PCT internationally is claimed:	yhich d ified be	esigna low, b	ted a y che	t leas	it one g the	box,
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As a named in Hamilton, Brook, Smi Customer No. 210	th & Reynolds, P.C., Two M	ttorneys and/or agents associated with filitia Drive, Lexington, Massachusetts 02421-4799
to prosecute this applica	ation and to transact all busine	ess in the Patent and Trademark Office connected therewith.
Please send co	orrespondence to: [ ] Cus	tomer No. Noted Above
	[X] Add	dress below:
	ILTON, BROOK, SMITH	& REYNOLDS, P.C.
Two Lexir	Militia Drive agton, MA 02421-4799	
Two Lexin	Militia Drive	Telephone No.: 781-861-6240
Two Lexin  Direct telephon  Direct facsimi  I hereby decla made on information as knowledge that willful Section 1001 of Title 1	Militia Drive agton, MA 02421-4799  me calls to: Anne J. Collins les to: Anne J. Collins  re that all statements made he ad belief are believed to be tru false statements and the like s 8 of the United States Code ar	Telephone No.: 781-861-6240
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Full name of second joint		19 THE NOTE OF THE STATE OF THE	ام <u>المن من هم من من من من من من من من هم المن من هم من من</u>
inventor, if any			
Inventor's Signature	N. Pennore	Date _	2/23/39
Residence	42 Pine Drive		
	Cold Spring Harbor, New York 11724		
Citizenship	Russian		
	Same as above		
inventor, if any	Boris A. Kuzin		والمستقل والمستقلة والمستق
Inventor's Signature		Date _	
Residence	11 Ramenki Street. Building 1, Apt. 136		
-	Moscow, Russia 117607		
Citizenship	Russian		
	Same as above		
inventor, if any	Hollis Cline		
Inventor's Signature		Date _	
Residence	Tiffany House, One Bungtown Road		
	Cold Spring Harbor, New York 11724		
Citizenship	U.S.A.		
	Same as above		
inventor, if any	Tatyana Michurina		
Inventor's Signature		Date _	
Residence	First Kololovsky Dr., Bldg. 16, Apt. 10		
	Moscow, Russia 117808		
	Russian		
Post Office Address	Same as above		
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HAM	O. Carroll ILTON, BROOK, SMITH & RE Militia Drive	YNOLDS, P.C.
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Full name of second join	t	
inventor, if any	Natalia I. Peunova	
Inventor's Signature		Date
Residence	42 Pine Drive	
	Cold Spring Harbor, New York 11724	
Citizenship	Russian	,
Post Office Address	Same as above	•
Full name of third joint		
inventor, if any	Boris A. Kuzin	
Inventor's Signature	/ Mm	Date <u>7/23/99</u>
Residence	11 Ramenki Street, Building 1, Apt. 136	
	Moscow, Russia 117607	
Citizenship	Russian	
Post Office Address	Same as above	
Full name of fourth joint		
inventor, if any	Hollis Cline	
Inventor's Signature		Date
Residence	Tiffany House, One Bungtown Road	
	Cold Spring Harbor, New York 11724	
Citizenship	U.S.A.	
Post Office Address	Same as above	
Full name of fifth joint		
inventor, if any	Tatyana Michurina	
Inventor's Signature		Date
Residence	First Kololovsky Dr., Bldg. 16, Apt. 10	
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(Application Serial No.)		(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)		(Filing date)	(Status: patented, pending, abandoned)
As a named inv Hamilton, Brook, Smit Customer No. 2100	h & Reynolo	by appoint the attorned is, P.C., Two Militia	eys and/or agents associated with Drive, Lexington, Massachusetts 02421-4799
and			
to prosecute this applica	tion and to tr	ansact all business in	the Patent and Trademark Office connected therewith.
Please send co	rrespondenc		r No. Noted Above
		or [X] Address	below:
HAM Two N	O. Carroll ILTON, BR Ailitia Drive gton, MA		EYNOLDS, P.C.
Direct telephon	e calls to: _A	Anne J. Collins	Telephone No.: 781-861-6240
Direct facsimile	es to:A	Anne J. Collins	Facsimile No.: 781-861-9540
made on information and knowledge that willful fi	d belief are b alse statemer of the Unite	elieved to be true; an its and the like so ma d States Code and tha	of my own knowledge are true and that all statements d further that these statements were made with the de are punishable by fine or imprisonment, or both, under at such willful false statements may jeopardize the validity
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or first inventor	<u>Grigori N</u>	. Enikolopov	
Inventor's Signature			Date
Residence	42 Pine D	rive	
		ng Harbor, New York	c 11724
Citizenship			
Post Office Address	Same as a	bove	

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inventor, if any	Natalia I. Peunova		
Inventor's Signature		Date	
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	Cold Spring Harbor, New York 11724		
Citizenship	Russian		
	Same as above		
inventor, if any	Boris A. Kuzin		
Residence	11 Ramenki Street, Building 1, Apt. 136		
**************************************	Moscow, Russia 117607		
Citizenship	Russian		
	Same as above .		
inventor, if any	. 10137 1		
Inventor's Signature	Hollisse	Date	7/12/99
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Citizenship	U.S.A.		
	Same as above		
inventor, if any	Tatyana Michurina		
Inventor's Signature		Date	
Residence	First Kololovsky Dr., Bldg. 16, Apt. 10		
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Citizenship	Russian		
Post Office Address	Same as above		

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY FOR CONTINUING APPLICATION

# Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

	Therapeutic Uses	for Nitric Oxide Inf	ubitors				<del></del> -		<del></del>
<del></del>					······································				
the spe	cification of which	(check one)							
[]	is attached hereto.								
[X]	was filed on <u>Ma</u>	y 20, 1999	as United States Applicat	ion					
	Number or PCT I	nternational Applica	ation No. <u>09/315,929</u>						
	and was amended	l on	(if applicable).						
			d understand the contents of the at	nove-ide	ntified	sneo	rifica	tion	
includi	ng the claims, as an	nended by any amen	dment referred to above.	70 10 100	21012100	. op o	,,,,,,,	,	
defined	I acknowledge the 1 in 37 C.F.R. §1.56		formation which is known by me t	o be ma	terial t	o pat	entat	oility	as
country any for	v other than the Uni	ted States of Americ patent or inventor's lication on which pr	any PCT international application ca, listed below and have also iden certificate, or of any PCT internationity is claimed:  ior Foreign Application(s)	tified be ional ap Pric	low, b	y che on h	ecking aving Cert	g the a fill ified Filed	box, ing
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I hereb	y claim the benefit i	under 35 U.S.C. §11	9(e) of any United States provisio	nal appl	ication	(s) li	isted	belov	w.
	60/030.690		November 13. 199	96					
(Applic	cation Number)		(Filing Date)				****		
<del>,</del>	60/045,411		May 2, 1997						<u>.</u>
(Applic	cation Number)		(Filing Date)						

08/969.475		November 13, 1997	Patented
(Application Serial No.)	ı	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	l	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	l	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	)	(Filing date)	(Status: patented, pending, abandoned)
Hamilton, Brook, Smir Customer No. 2100 and	th & Reynold 15,	ls, P.C., Two Militia	ys and/or agents associated with Drive, Lexington, Massachusetts 02421-4799  the Patent and Trademark Office connected therewith.
Please send co			No. Noted Above
rease sond co	n i espondene	or [X] Address	
	Militia Drive igton, MA 02		
mi i i i i i		nna I Callina	Tolombono No. 781 861 6240
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_		nne J. Collins	Telephone No.: 781-861-6240  Facsimile No.: 781-861-9540
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Direct facsimiliary I hereby declar made on information at knowledge that willful Section 1001 of Title 1	les to:A  re that all state and belief are b false statemen 8 of the Unite	ements made herein o elieved to be true; and the like so mad d States Code and tha	Facsimile No.: 781-861-9540  f my own knowledge are true and that all statements if further that these statements were made with the le are punishable by fine or imprisonment, or both, under
Direct facsimil  I hereby declar made on information ar knowledge that willful Section 1001 of Title 13 of the application or an	re that all state and belief are b false statemen 8 of the Unite y patent issue	ements made herein o elieved to be true; and tts and the like so mad d States Code and tha d thereon.	Facsimile No.: 781-861-9540  f my own knowledge are true and that all statements if further that these statements were made with the le are punishable by fine or imprisonment, or both, under
Direct facsimil  I hereby declar made on information ar knowledge that willful Section 1001 of Title 13 of the application or any  Full name of sole or first inventor	re that all state and belief are b false statemen 8 of the Unite y patent issue  Grigori N.	ements made herein o elieved to be true; and tts and the like so mad d States Code and tha d thereon.	Facsimile No.: 781-861-9540  f my own knowledge are true and that all statements of further that these statements were made with the le are punishable by fine or imprisonment, or both, under t such willful false statements may jeopardize the validity
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I hereby declar made on information ar knowledge that willful Section 1001 of Title 13 of the application or an  Full name of sole or first inventor  Inventor's Signature	re that all state and belief are b false statemen 8 of the Unite y patent issue  Grigori N.  42 Pine D  Cold Sprii	ements made herein o elieved to be true; and the like so mad d States Code and thad thereon.  Enikolopov	Facsimile No.: 781-861-9540  f my own knowledge are true and that all statements if further that these statements were made with the le are punishable by fine or imprisonment, or both, under to such willful false statements may jeopardize the validity
I hereby declar made on information are knowledge that willful Section 1001 of Title 13 of the application or any Full name of sole or first inventor	re that all state and belief are b false statemen 8 of the Unite y patent issue  Grigori N.  42 Pine D  Cold Sprin Russian	ements made herein o elieved to be true; and the like so made d States Code and that d thereon.  Enikolopov  rive  ng Harbor, New York	Facsimile No.: 781-861-9540  f my own knowledge are true and that all statements if further that these statements were made with the le are punishable by fine or imprisonment, or both, under to such willful false statements may jeopardize the validity

Full name of second joint		
inventor, if any	Natalia I. Peunova	
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Citizenship	Russian	
	Same as above	
inventor, if any	Boris A. Kuzin	
Inventor's Signature		Date
Residence	11 Ramenki Street, Building 1, Apt. 136	
	Moscow, Russia 117607	
Citizenship	Russian	
	Same as above	
Full name of fourth joint	الوسلى الله يقد يعني بالد بقد بعد يقد بهد يمد بمد يمد بعد الله بعد الله في حد يمد بعد الله عليه بعد الله الله الله الله الله الله الله الل	
inventor, if any	Hollis Cline	
Inventor's Signature		Date
Residence	Tiffany House, One Bungtown Road	
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Citizenship	U.S.A.	
	Same as above	
inventor, if any	Tatyana Michurina	
Inventor's Signature	midunina	Date_07/26/99
Residence	First Kololovsky Dr., Bldg. 16, Apt. 10	•
	Moscow, Russia 117808	
Citizenship	Russian	
Post Office Address	Same as above	
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# VERIFIED STATEMENT CLAIMING SMA<sup>T \*</sup> ENTITY STATUS (37 CFR 1.9(f) & 1.27(d))-NONPROFIT ORC IZATION

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DCCKET NUMBER: CSHL96-08p2A2

			r Patentee: Grigori N. Enikolopov, Natalia I. Peunova, Boris A. Kuzin, Hollis Cline and Tatyar tent No.: 09/315,929	na Michurina COPY FOR CONTINUING
			ued: May 20, 1999	APPLICATION
Title:			Therapeutic Uses for Nitric Oxide Inhibitors	W. LIONTON
I here	. )	[A]	clare that I am an official empowered to act on behalf of the nonprofit organization identified below:  AME OF NONPROFIT ORGANIZATION Cold Spring Harbor Laboratory  DDRESS OF NONPROFIT ORGANIZATION I Bungtown Road, Nichols Building  Cold Spring Harbor, New York 11724	
TYPE	OF	NO	IONPROFIT ORGANIZATION:	
	Γ	1	UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION	
	[XX [	]	NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNI (NAME OF STATE	(3)) TED STATES OF AMERICA
	ſ	]	(CITATION OF STATUTE	5 U.S.C. 501(a) and 501(c)(3)) IF
	[	]	LOCATED IN THE UNITED STATES OF AMERICA  WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA	OF STATE OF THE UNITED
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of pay	I he	eb;	by declare that the nonprofit organization identified above qualifies as a nonprofit organization as deeduced fees to the United States Patent and Trademark Office regarding the invention described in:  the specification filed herewith with title as listed above.  the application identified above.  the patent identified above.	
200 200 200 200 200 200	Į.	]	the specification filed herewith with title as listed above.	
H	[XX	]	the application identified above. the patent identified above.	
identi inven	I her	rebi invenus	by declare the rights under contract or law have been conveyed to and remain with the nonprofit organization. If the rights held by the nonprofit organization are not exclusive, each individual, concern constituted in the separate verified statements averring to their status as small entities and that no rights to the internation, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person may do not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(d) or a nonprofit organizatio	or organization having rights in the invention are held by any person, ande the invention, or by any concern
	Eacl	-	person, concern or organization having any rights in the invention is listed below:  no such person, concern, or organization exists.	
est est est	[	]	each such person, concern or organization is listed below.	
	prio	r to	nowledge the duty to file, in this application or patent, notification of any change in status resulting it to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the d appropriate. (37 CFR 1.28(b))	n loss of entitlement to small entity ate on which status as a small entity
by fir	ed to	be imi	by declare that all statements made herein of my own knowledge are true and that all statements made be true; and further that these statements were made with the knowledge that willful false statements apprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful the application, any patent issuing thereon, or any patent to which this verified statement is directed.	and the like so made are punishable
NAM	E OF	PI	PERSON SIGNING John Maroney, Esq.	
TITL	E IN	OR	DRGANIZATION OF PERSON SIGNING Assistant Administrative Director	
ADD	RES	S O	OF PERSON SIGNING Cold Spring Harbor Laboratory, Nichols Bldg. One Bungtown Road, Co	
SIGN	ATU	RE	DATE 7/13/90	<del></del>